

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110963.D
 Acq On : 26 Nov 2018 14:58
 Operator : JU/SJ
 Sample : PB115000BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BL

Quant Time: Nov 26 15:53:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	71672	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	292939	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	143770	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	286853	20.00	ng	0.00
76) Chrysene-d12	14.13	240	220507	20.00	ng	0.00
87) Perylene-d12	15.67	264	149556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	542231	125.46	ng	0.02
7) Phenol-d6	6.56	99	676429	120.10	ng	0.00
23) Nitrobenzene-d5	7.50	82	436968	85.37	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	176562	123.66	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	833572	84.00	ng	0.00
79) Terphenyl-d14	13.06	244	891045	78.66	ng	0.00

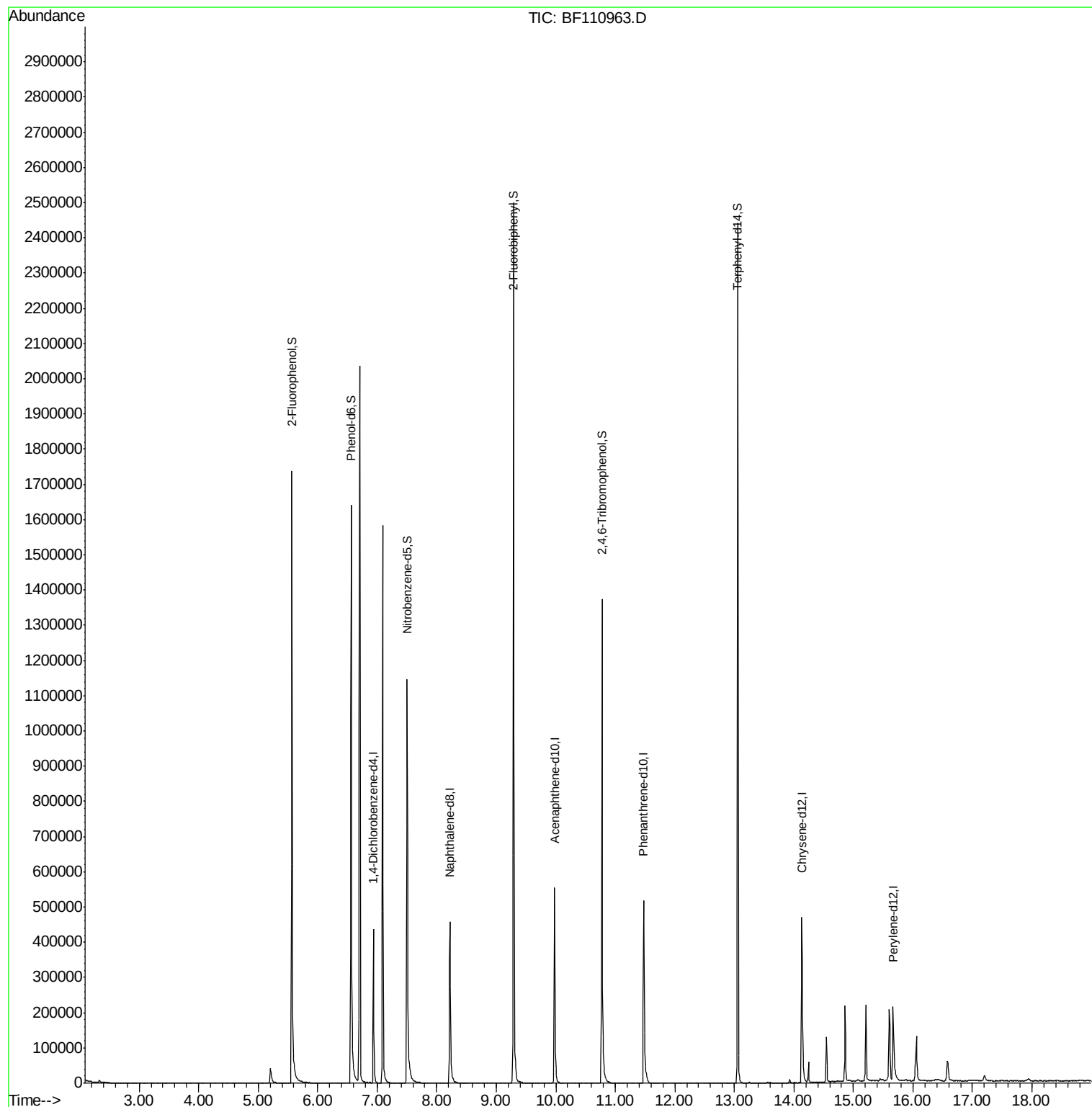
Target Compounds Qvalue

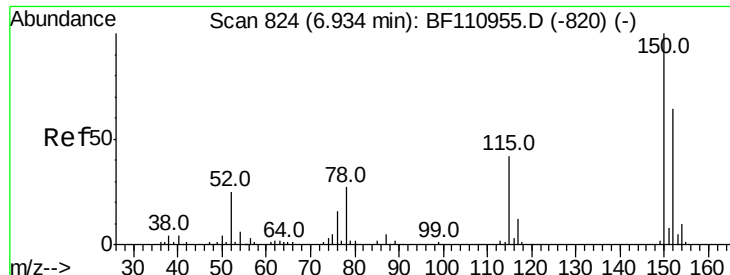
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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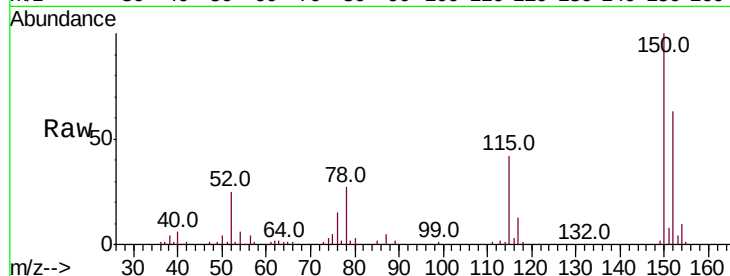


#1

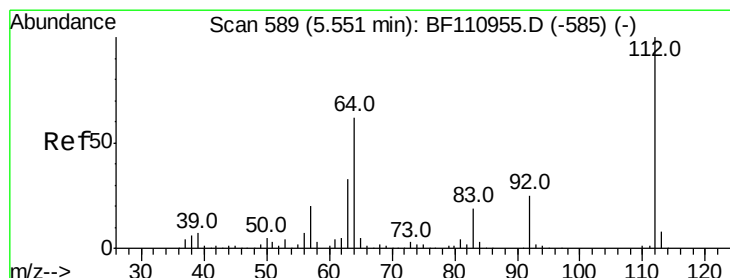
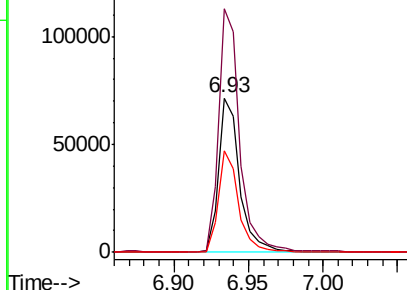
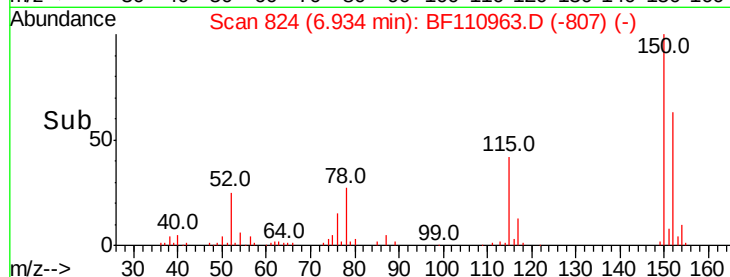
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

Instrument :
BNA_F
ClientSampleId :
PB115000BL

Tot Ion:152 Resp: 71672
Ion Ratio Lower Upper
152 100
150 157.7 122.7 184.1
115 65.7 49.1 73.7



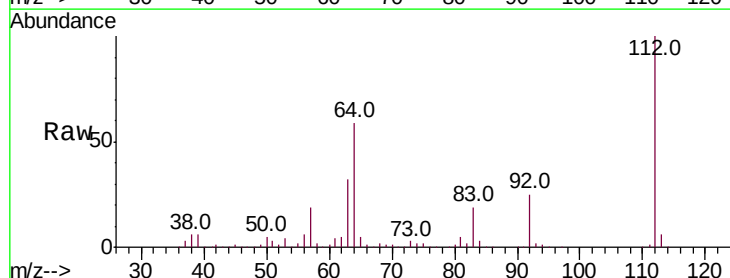
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



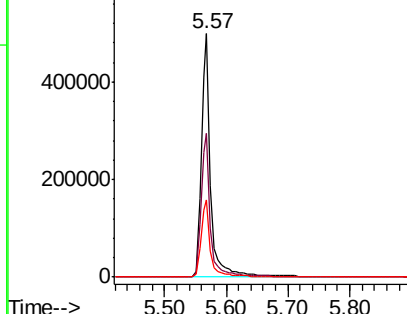
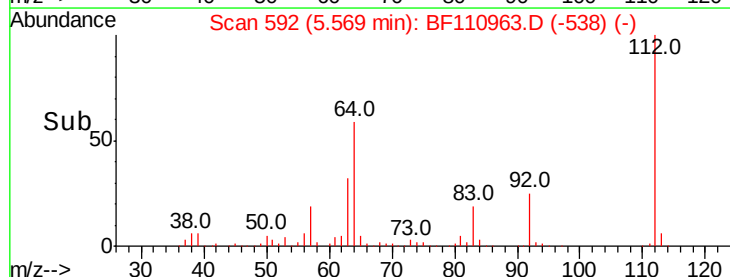
#5

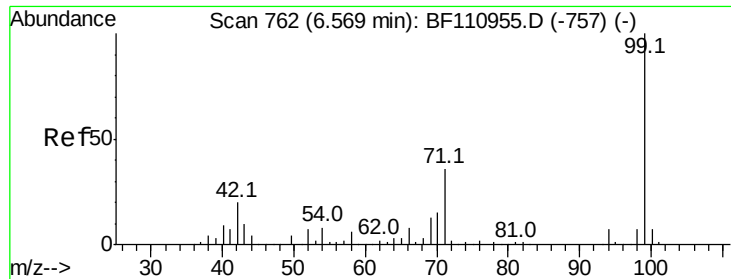
2-Fluorophenol
Concen: 125.459 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

Tgt Ion:112 Resp: 542231
Ion Ratio Lower Upper
112 100
64 58.9 44.1 66.1
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.099 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

Instrument :

BNA_F

ClientSampleId :

PB115000BL

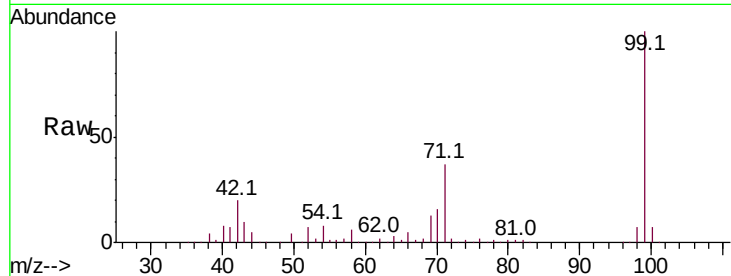
Tot Ion: 99 Resp: 676429

Ion Ratio Lower Upper

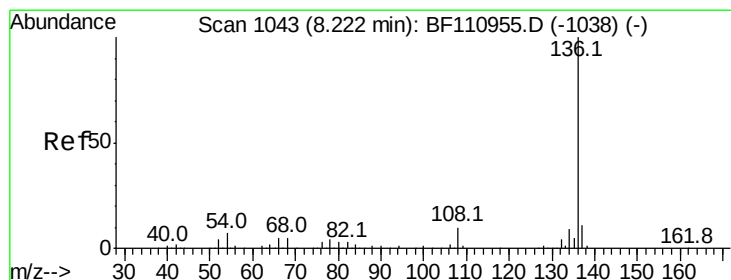
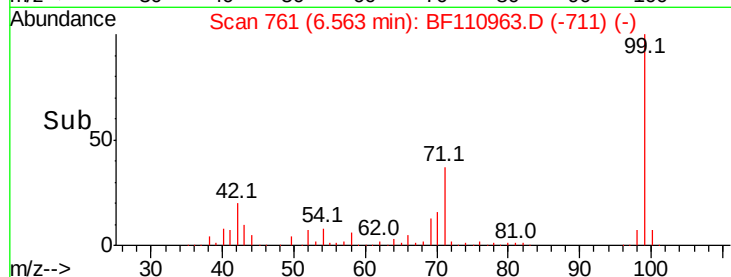
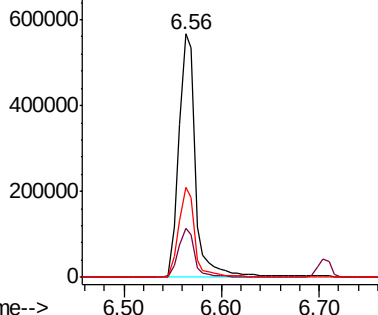
99 100

42 20.2 15.8 23.6

71 37.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

Tgt Ion: 136 Resp: 292939

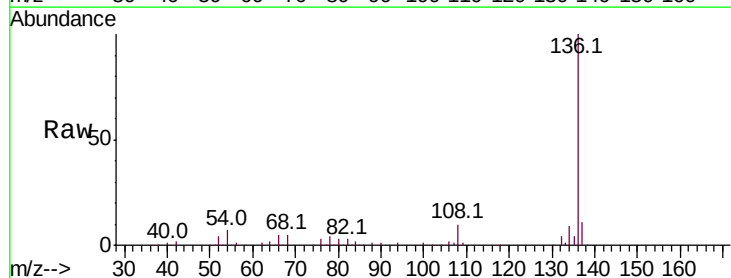
Ion Ratio Lower Upper

136 100

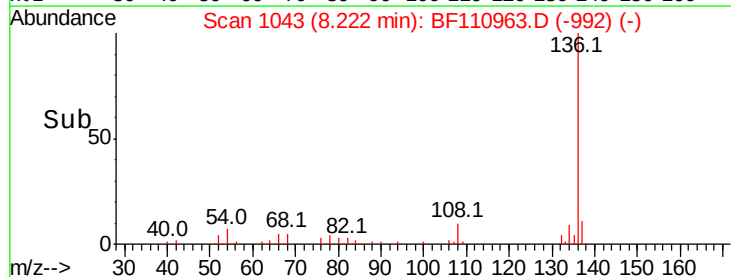
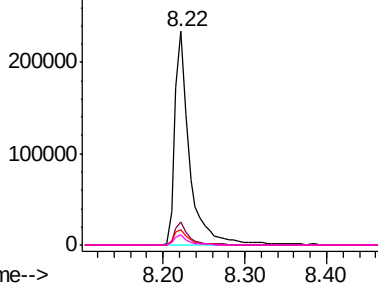
137 10.5 8.8 13.2

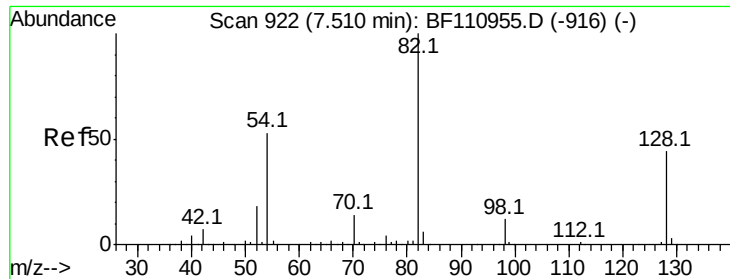
54 7.4 5.4 8.2

68 4.8 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

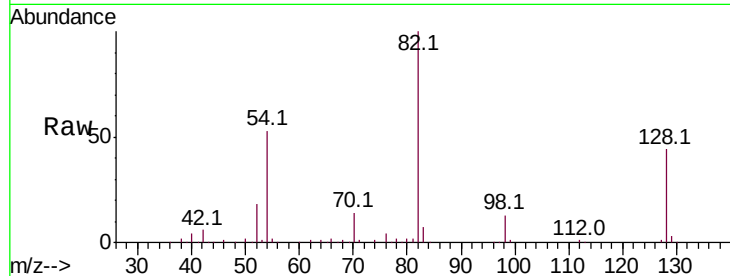




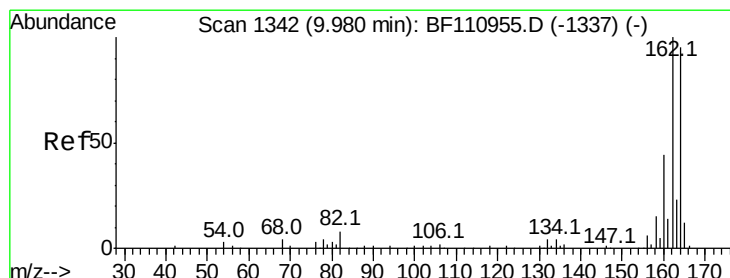
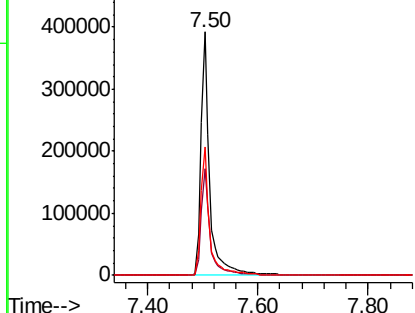
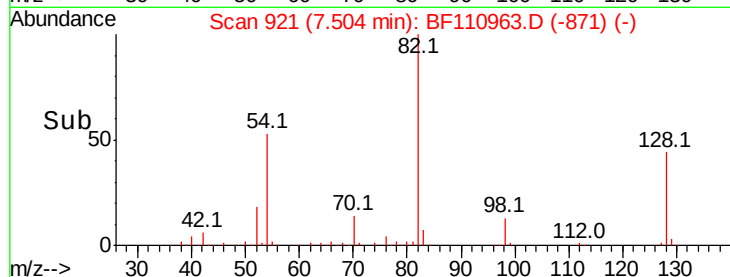
#23
Nitrobenzene-d5
Concen: 85.369 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

Instrument :
BNA_F
ClientSampleId :
PB115000BL

Tot Ion: 82 Resp: 436968
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.2
54 52.7 38.6 58.0

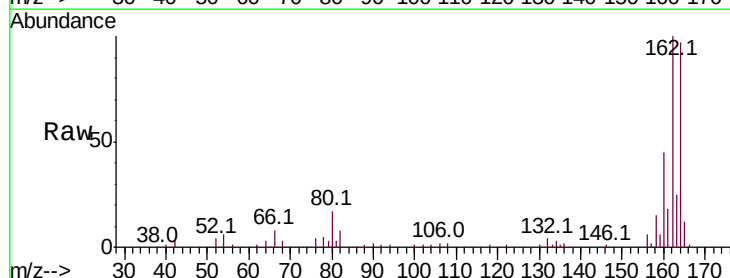


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

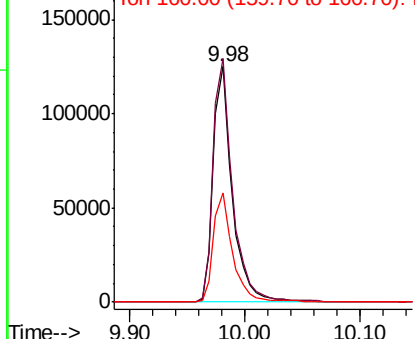
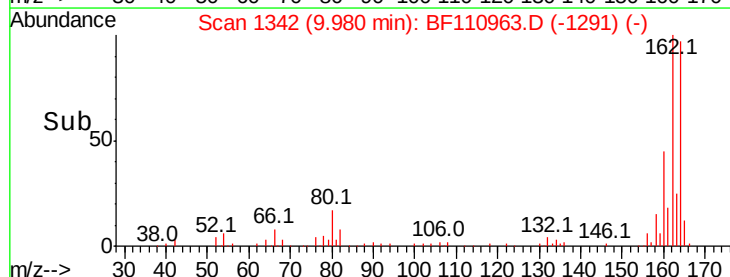


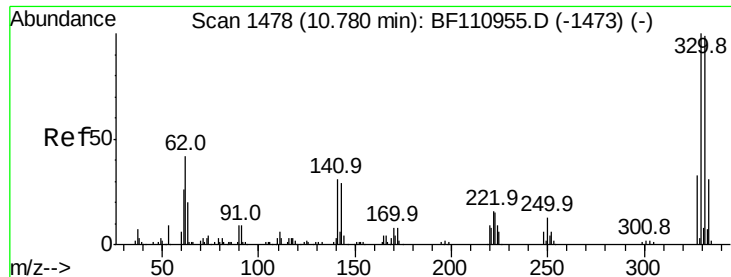
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

Tgt Ion: 164 Resp: 143770
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.6
160 46.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

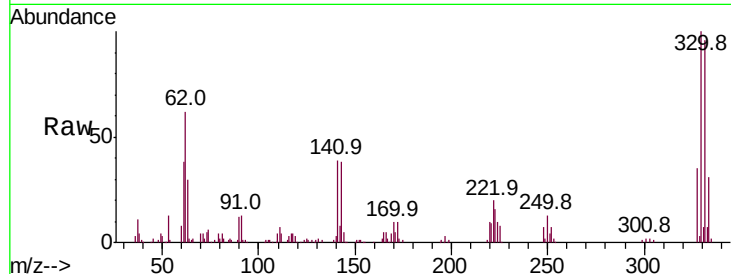




#42
 2,4,6-Tribromophenol
 Concen: 123.658 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	38.5	27.0	40.4

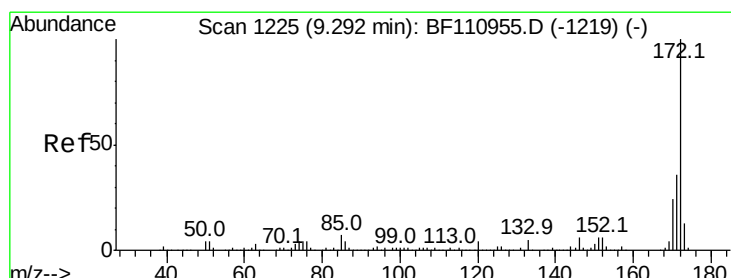
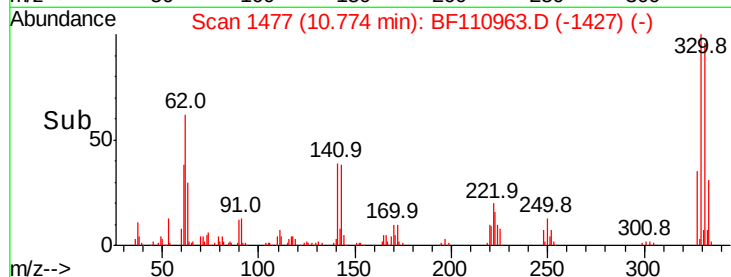
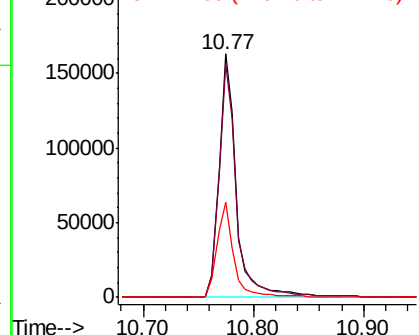


Abundance

Ion 329.80 (329.50 to 330.50): E

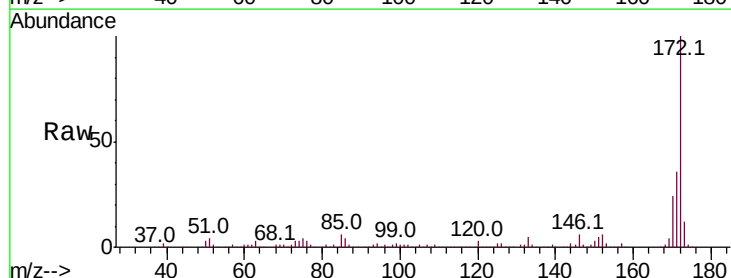
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.999 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

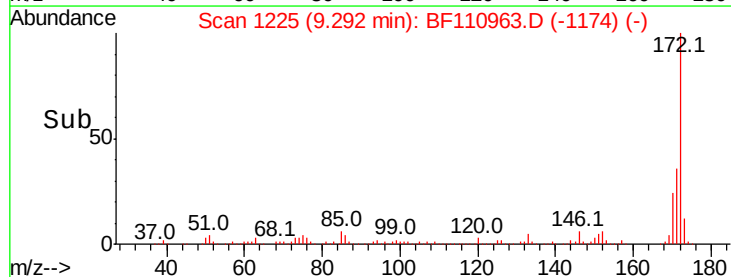
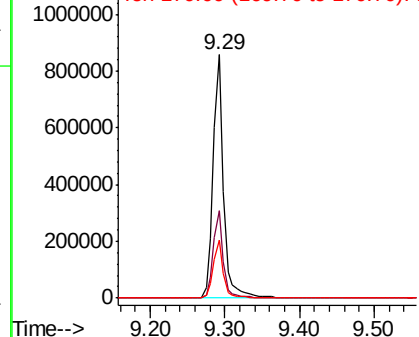


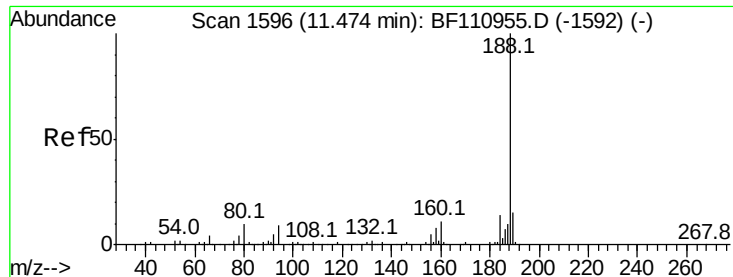
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

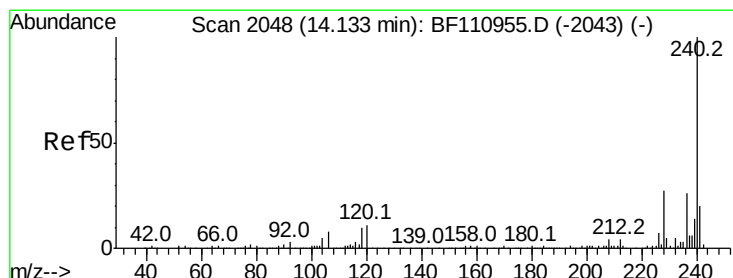
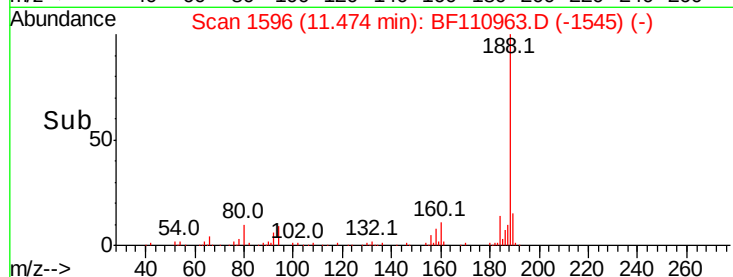
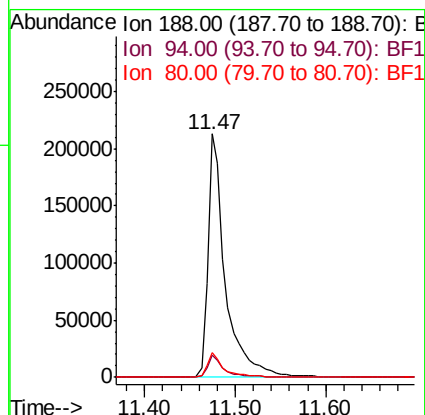
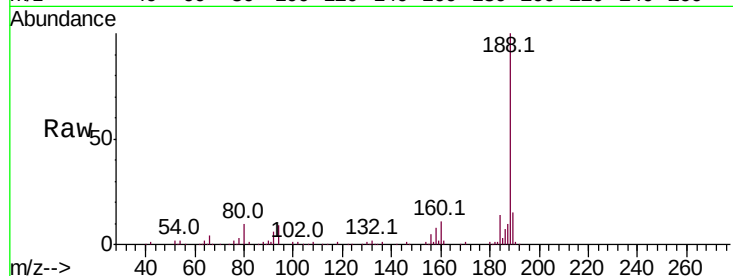




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

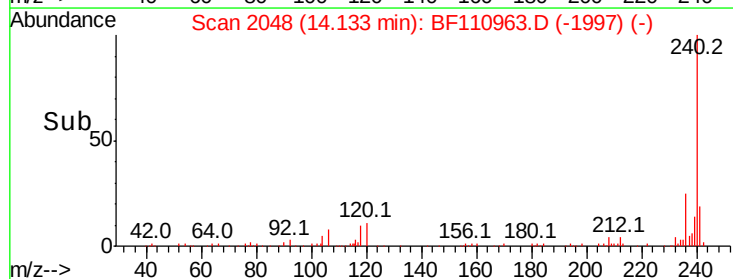
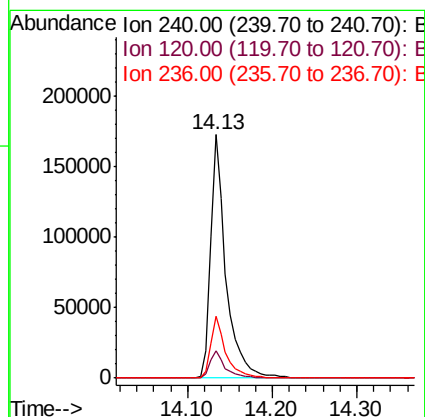
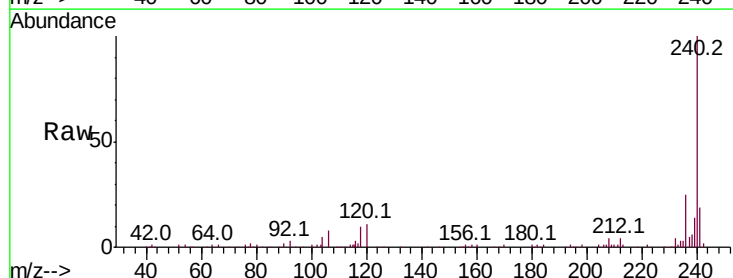
Instrument :
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PB115000BL

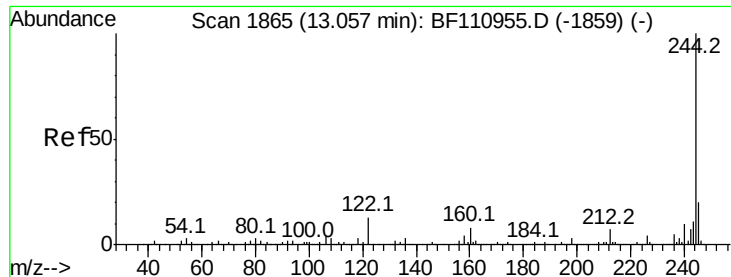
Tot Ion:188 Resp: 286853
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

Tgt Ion:240 Resp: 220507
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 25.2 21.2 31.8





#79

Terphenyl-d14

Concen: 78.662 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

Instrument :

BNA_F

ClientSampleId :

PB115000BL

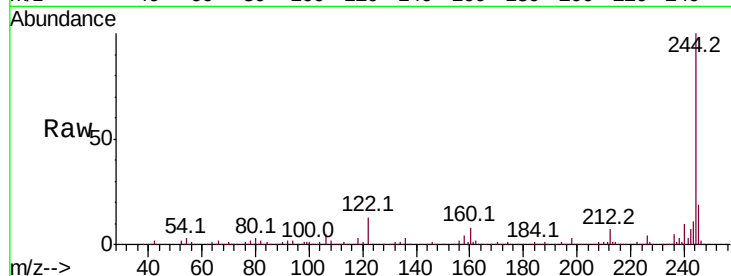
Tot Ion:244 Resp: 891045

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

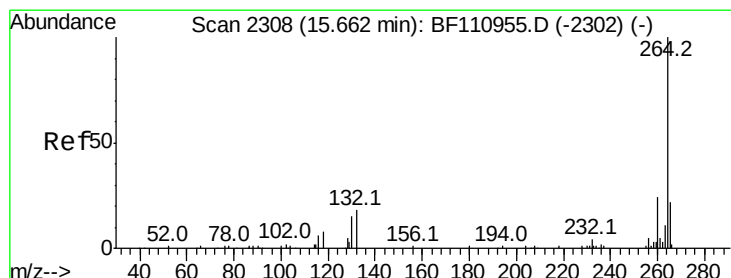
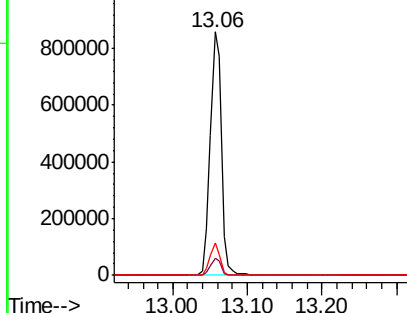
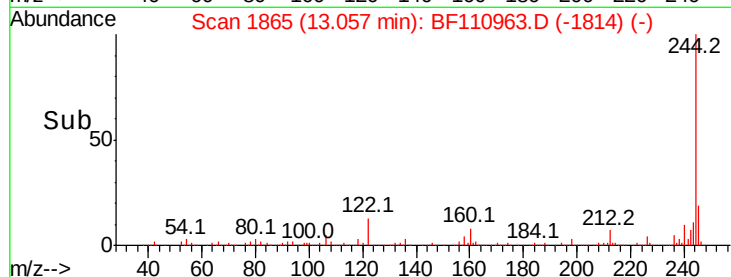
122 13.3 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

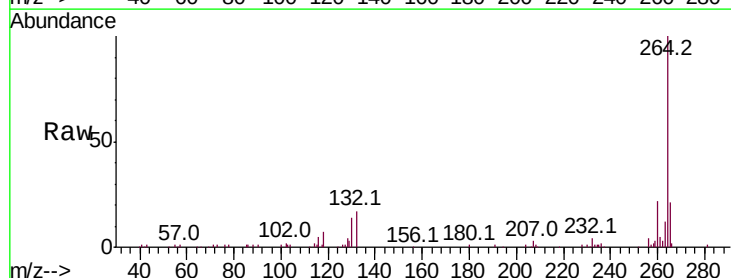
Tgt Ion:264 Resp: 149556

Ion Ratio Lower Upper

264 100

260 22.0 18.7 28.1

265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

